

LEGEND

PLANVIEW

- Projection grid (UTM)
- Boundary WFS-1
- Boundary WFS-2
- Investigation area boundary WFS-1 / WFS-2
- Wind Farm Zone boundary

TRACK PLOTS

- Sailed track with multi channel sparker equipment (CDP position)
- 64-6400 Survey line name/ MC sparker profile position

GEO. HAZARDS

MCS data

- Boulders and or Gravel
- Gas and or Peat
- Liquefaction

SBP data

- Shallow infilled channel structures
- Shallow local variation of denser material between transition of units

NOTES

EQUIPMENT

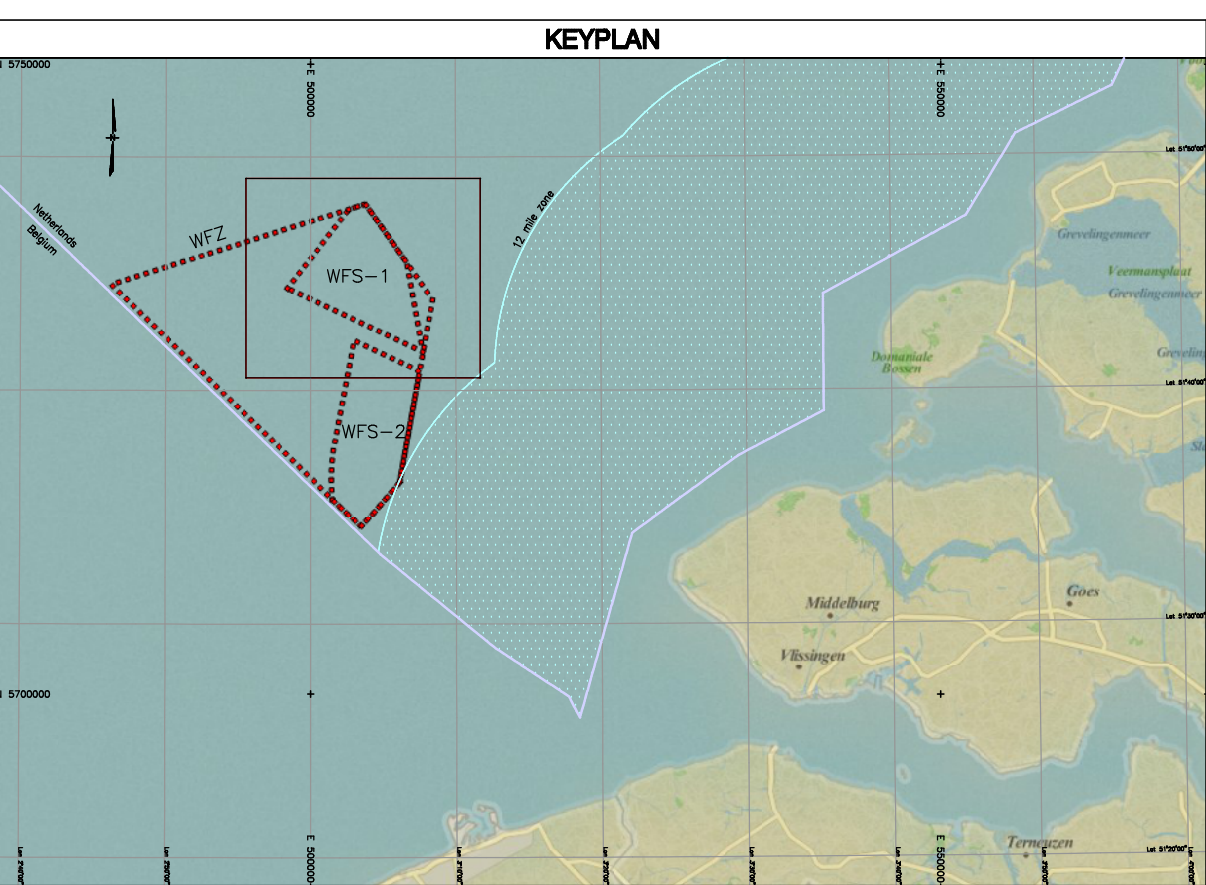
Surface positioning	: Trimble SPS855 RTK
Multibeam systems	: Dual head R2Sonic 2024 (280/320 kHz)
Motion reference unit	: XBlue Octans IV
Heading reference unit	: XBlue Octans IV
Sub-surface positioning	: Simrad Kongsberg HIPAP 350P USBL
Magnetometer	: Geometrics G-882
Side scan sonar	: Edgetech 4200MP dual-channel SSS (300/600 kHz)
Sound velocity probe(s)	: Valeport MiniSVP
Multi-channel sparker	: GMS5 Geo-Source 200 LW & Multi-Trace 24/48 acquisition system
Sub bottom profiler	: Innmar SES-2000

GEODETTIC PARAMETERS

GEODETTIC DATUM	: ETRS88	PROJECTION	: UTM (North)
Ellipsoid	: GRS 1980	UTM zone	: 31 (° E)
Semi-major axis	: 6378137.000m	False Easting	: 500000m
Semi-minor axis	: 6356752.314m	False Northing	: 0m
Inverse flattening	: 298.2572221010	Scale factor	: 0.9996

VERTICAL REFERENCE

All depths in metres reduced to LAT using GEON297 and LAT-NZ modeling



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GEOPHYSICAL SITE INVESTIGATION SURVEY
BORSSELE WINDFARM SITE 1
GEO. HAZARDS

SCALE 1:20.000

200m 0 400m 800m 1200m 1600m 2000m

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REVISION

Chart	Prepared & checked (DEEP)	Approved (Client)
1 of 1	Prepared	Checked
WFS-1	WFS-1	WFS-1
WFS-2	WFS-2	WFS-2
WFS-3	WFS-3	WFS-3
Surveyor(s)	Survey period	Header(s)
WFS-1	January & February 2015	WFS-1
Drawing Number: Geohazards-WFS1-chart-1a1		Project Number: P2849